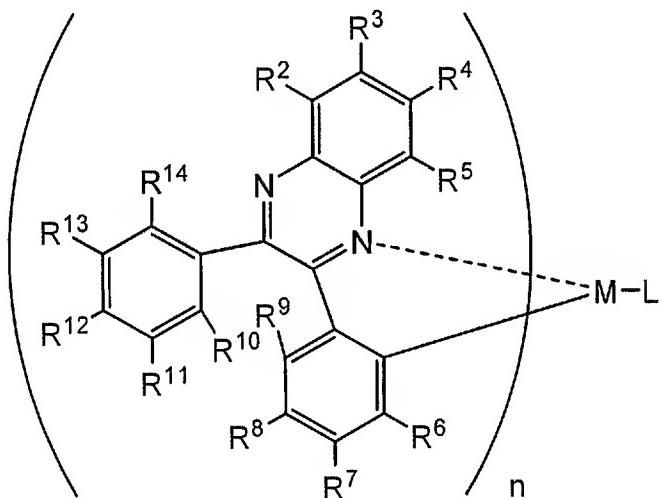


The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-49. (Canceled)

50. (Previously Presented) An organometallic complex represented by the following formula,



wherein each of R² to R⁵, R⁷, R⁹, R¹⁰, R¹², and R¹⁴ is hydrogen,

wherein each of R⁶, R⁸, R¹¹, and R¹³ is any one selected from the group consisting of a hydrogen, a halogen element, an acyl group, an alkyl group, an alkoxy group, an aryl group, a cyano group, a heterocyclic group, and an electron-withdrawing group,

wherein at least one of R⁶ and R⁸ is an electron-withdrawing group,

wherein M is an element of Group 9,

wherein n=2, and

wherein L is a monoanionic ligand.

51. (Previously Presented) The organometallic complex according to claim 50, wherein the acyl group is any one selected from the group consisting of an acetyl group, a propionyl group, an isobutyryl group, and a methacryloyl group.

52. (Previously Presented) The organometallic complex according to claim 50, wherein the alkyl group is any one selected from the group consisting of a methyl group, an ethyl group, an n-propyl group, an iso-propyl group, a tert-butyl group, and an octyl group.

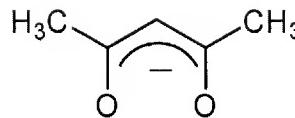
53. (Previously Presented) The organometallic complex according to claim 50, wherein the alkoxy group is any one selected from the group consisting of a methoxy group, an ethoxy group, and a propoxy group.

54. (Previously Presented) The organometallic complex according to claim 50, wherein the aryl group is any one selected from the group consisting of a phenyl group, a 4-methylphenyl group and a 4-ethylphenyl group.

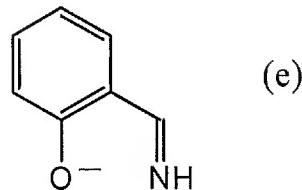
55. (Previously Presented) The organometallic complex according to claim 50, wherein the heterocyclic group is any one selected from the group consisting of a pyridyl group, bipyridyl group, and a methylpyridyl group.

56. (Currently Amended) The organometallic complex according to claim 50, wherein the electron-withdrawing group is any one selected from the group consisting of a fluoro group, a trifluoro trifluoromethyl group, and a cyano group.

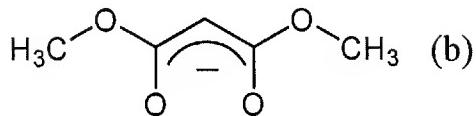
57. (Previously Presented) The organometallic complex according to claim 50, wherein the monoanionic ligand is any one selected from the following formulas (a) to (g),



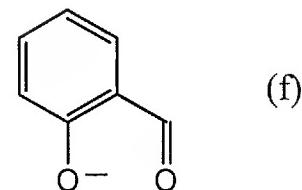
(a)



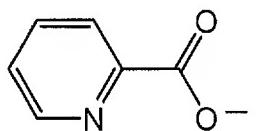
(e)



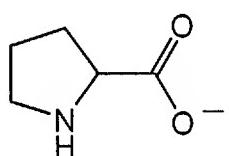
(b)



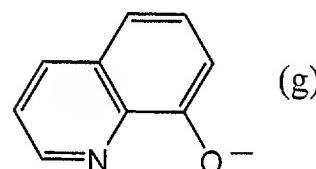
(f)



(c)



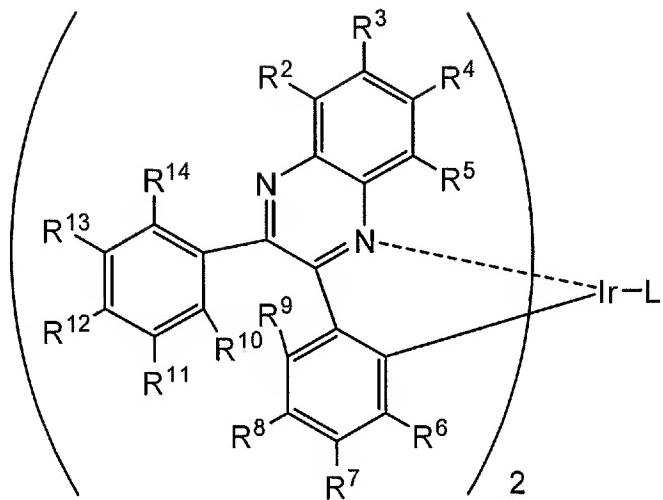
(d)



(g)

58. (Previously Presented) A light emitting device comprising:
a light emitting element including a first electrode, a second electrode, and a light emitting layer formed therebetween,
wherein the light emitting layer comprises the organometallic complex according to claim 50.

59. (Previously Presented) An organometallic complex represented by the following formula,



wherein each of R² to R⁵, R⁷, R⁹, R¹⁰, R¹², and R¹⁴ is hydrogen,

wherein each of R⁶, R⁸, R¹¹, and R¹³ is any one selected from the group consisting of a hydrogen, a halogen element, an acyl group, an alkyl group, an alkoxy group, an aryl group, a cyano group, a heterocyclic group, and an electron-withdrawing group,

wherein at least one of R⁶ and R⁸ is an electron-withdrawing group, and

wherein L is a monoanionic ligand.

60. (Previously Presented) The organometallic complex according to claim 59, wherein the acyl group is any one selected from the group consisting of an acetyl group, a propionyl group, an isobutyryl group, and a methacryloyl group.

61. (Previously Presented) The organometallic complex according to claim 59, wherein the alkyl group is any one selected from the group consisting of a methyl group, an ethyl group, an n-propyl group, an iso-propyl group, a tert-butyl group, and an octyl group.

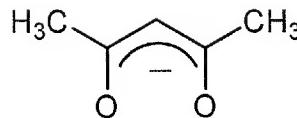
62. (Previously Presented) The organometallic complex according to claim 59, wherein the alkoxy group is any one selected from the group consisting of a methoxy group, an ethoxy group, and a propoxy group.

63. (Previously Presented) The organometallic complex according to claim 59, wherein the aryl group is any one selected from the group consisting of a phenyl group, a 4-methylphenyl group and a 4-ethylphenyl group.

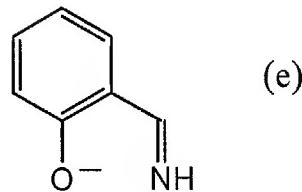
64. (Previously Presented) The organometallic complex according to claim 59, wherein the heterocyclic group is any one selected from the group consisting of a pyridyl group, bipyridyl group, and a methylpyridyl group.

65. (Currently Amended) The organometallic complex according to claim 59, wherein the electron-withdrawing group is any one selected from the group consisting of a fluoro group, a trifluoro trifluoromethyl group, and a cyano group.

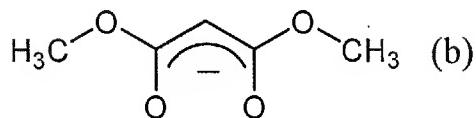
66. (Previously Presented) The organometallic complex according to claim 59, wherein the monoanionic ligand is any one selected from the following formulas (a) to (g),



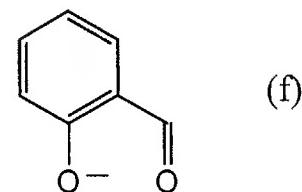
(a)



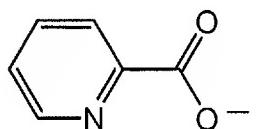
(e)



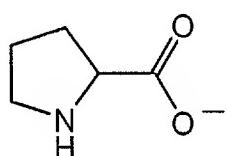
(b)



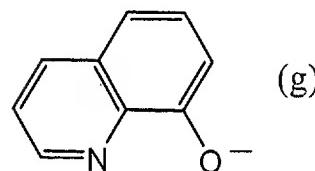
(f)



(c)



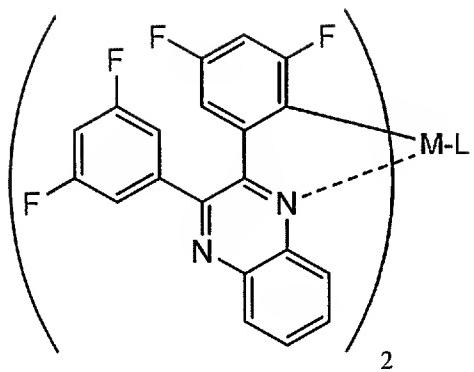
(d)



(g)

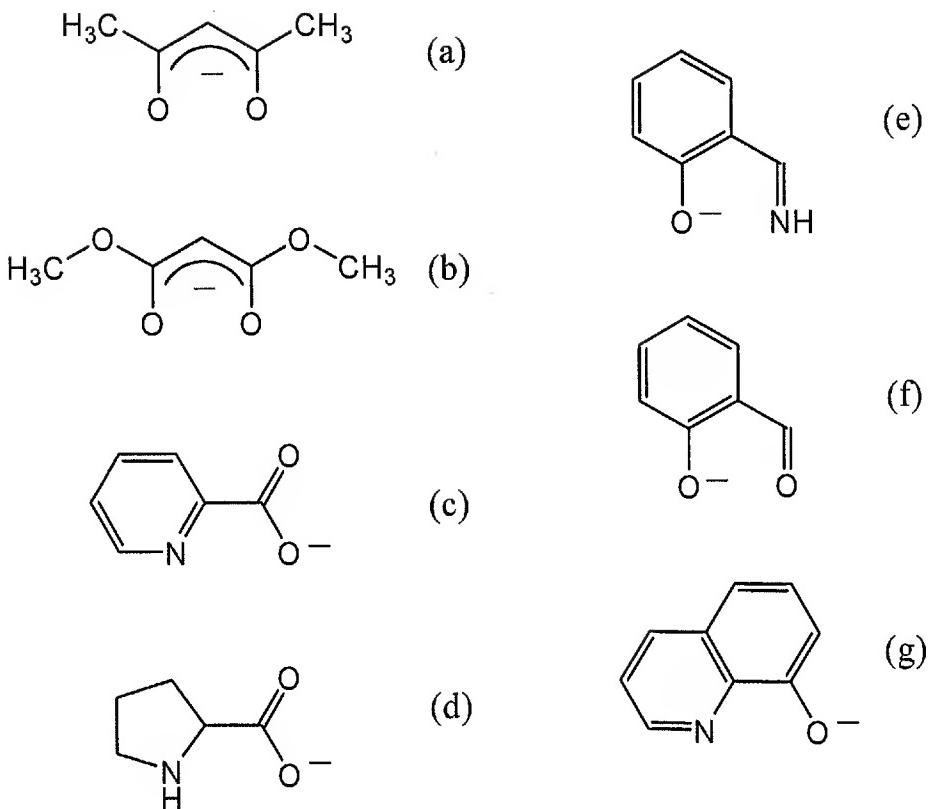
67. (Previously Presented) A light emitting device comprising:
a light emitting element including a first electrode, a second electrode, and a light emitting layer formed therebetween,
wherein the light emitting layer comprises the organometallic complex according to claim 59.

68. (Previously Presented) An organometallic complex represented by the following formula,



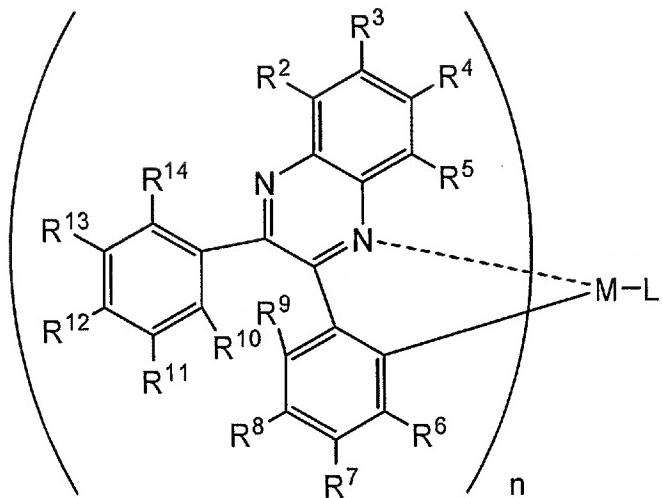
wherein M is an element of Group 9, and
wherein L is a monoanionic ligand.

69. (Previously Presented) The organometallic complex according to claim 68, wherein the monoanionic ligand is any one selected from the following formulas (a) to (g),



70. (Previously Presented) A light emitting device comprising:
a light emitting element including a first electrode, a second electrode, and a light emitting layer formed therebetween,
wherein the light emitting layer comprises the organometallic complex according to claim 68.

71. (Previously Presented) An organometallic complex represented by the following formula,



wherein each of R^2 to R^5 , R^7 , R^9 , R^{10} , R^{12} , and R^{14} is hydrogen,

wherein each of R^6 , R^8 , R^{11} , and R^{13} is any one selected from the group consisting of a hydrogen, a halogen element, an acyl group, an alkyl group, an alkoxy group, an aryl group, a cyano group, a heterocyclic group, and an electron-withdrawing group,

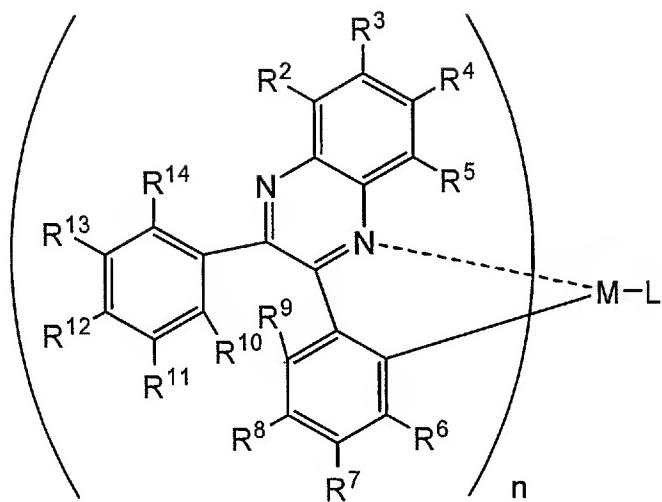
wherein at least one of R^6 , R^8 , R^{11} , and R^{13} is a halogen element,

wherein M is an element of Group 9,

wherein $n=2$, and

wherein L is a monoanionic ligand.

72. (Previously Presented) An organometallic complex represented by the following formula,



wherein each of R^2 to R^5 , R^7 , R^9 , R^{10} , R^{12} , and R^{14} is hydrogen,

wherein each of R^6 , R^8 , R^{11} , and R^{13} is any one selected from the group consisting of a hydrogen, a halogen element, an acyl group, an alkyl group, an alkoxy group, an aryl group, a cyano group, a heterocyclic group, and an electron-withdrawing group,

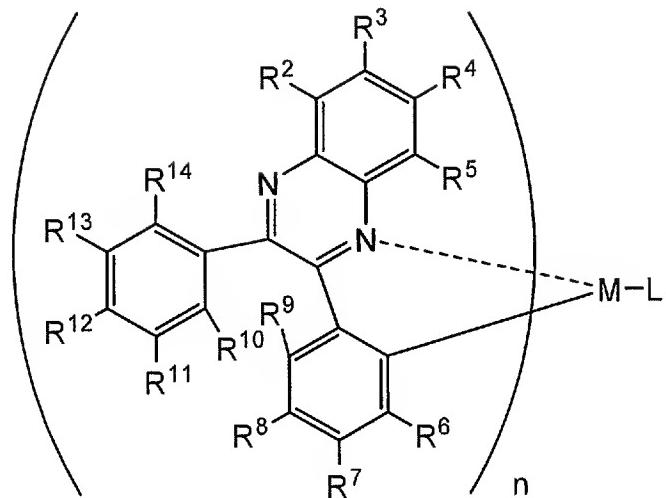
wherein at least one of R^6 , R^8 , R^{11} , and R^{13} is a fluorine,

wherein M is an element of Group 9,

wherein $n=2$, and

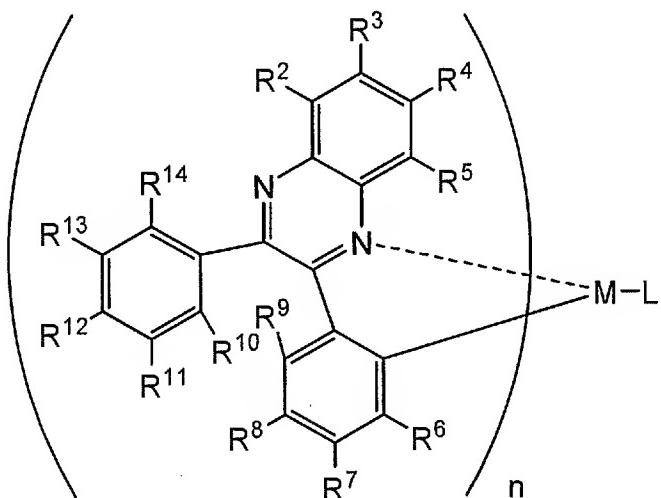
wherein L is a monoanionic ligand.

73. (Previously Presented) An organometallic complex represented by the following formula,



wherein each of R² to R⁵, R⁷, R⁹, R¹⁰, R¹², and R¹⁴ is hydrogen,
wherein each of R⁶, R⁸, R¹¹, and R¹³ is an electron-withdrawing group,
wherein M is an element of Group 9,
wherein n=2, and
wherein L is a monoanionic ligand.

74. (Previously Presented) An organometallic complex represented by the following formula,



wherein each of R² to R⁵, R⁷, R⁹, R¹⁰, R¹², and R¹⁴ is hydrogen,

wherein each of R⁶, R⁸, R¹¹, and R¹³ is a halogen,
wherein M is an element of Group 9,
wherein n=2, and
wherein L is a monoanionic ligand.